

Title	Demonstrate knowledge of forestry earthworks		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of forestry earthworks.
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Classification	Infrastructure Works > Forestry Earthworks
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Available grade	Achieved
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Guidance Information

Legislation and guidelines relevant to this unit standard, and any subsequent amendments, include but are not limited to:

- Resource Management Act 1991;
 - Forest Practice Guides (2020), available from <http://www.nzfoa.org.nz/>.
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Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of forestry earthworks.

Performance criteria

- 1.1 Forestry arterial roads, secondary roads, spur roads, tracks, and landings are described in terms of uses and planned life.
- 1.2 Materials used for forestry earthworks are described in terms of uses and site applications.

Range	includes but is not limited to – aggregates, geotextiles, fluming, culverts, stabilising materials.
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- 1.3 Forestry roads, tracks, and landings are described in terms of construction stages and processes.

Range	includes but is not limited to – side cast, end haul, benching, batter slope, cut area, fill area, compaction, salvage, slash; construction includes – original construction; may include maintenance and upgrade.
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- 1.4 Water and sediment controls are described in terms of the construction of forestry roads, tracks, and landings.

Range controls may include but are not limited to – bund, water table, cut-off, flume, culvert, soak hole, sediment trap.

- 1.5 Additional activities that forestry earthworks construction workers may become involved in are described in terms of purpose and procedures.

Range deadman installation, harvest support, forestry access, slash control, pavement surfacing.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 November 2003	31 December 2014
Review	2	17 September 2010	31 December 2016
Review	3	19 February 2015	31 December 2025
Review	4	25 May 2023	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.